TOYOTA

**Technical Service
BULLETIN**

August 3, 2001

Title:

UNINTENDED POWER REAR WINDOW ACTIVATION

Models:

'99 – '01 4Runner

TSB

Introduction | Some owners of 1999 – 2001 model year 4Runner vehicles may complain of unintended or accidental rear window activation. In order to address these concerns, an updated Back Door ECU and Wireless Transmitter have been adopted.

Applicable Vehicles
- **1999 – 2001** model year **4Runners** with factory keyless entry systems.

Production Change Information

MODEL	PLANT	STARTING VIN	ENDING VIN	REPAIR PROCEDURE
4Runner V6 4WD	Tahara	JT3HN8#R#X0194234	JT3HN8#R#10338020	1 & 2
		JT3HN8#R#10338021	JT3HN8#R#10353976	1 Only
	Hino	JT3HN8#R#X9018626	JT3HN8#R#19050479	1 & 2
		JT3HN8#R#19050480	JT3HN8#R#19056468	1 Only
4Runner V6 2WD	Tahara	JT3GN8#R#X0092242	JT3GN8#R#10194008	1 & 2
		JT3GN8#R#10194009	JT3GN8#R#10211000	1 Only

> **NOTE:**
>
> **Please determine where the vehicle falls in VIN range above, and order ONLY the parts associated with the Repair Procedure number(s) listed. (Please refer to the "Parts Information" section on page 2 of this bulletin.)**

Required Tools & Material

TOOLS & MATERIALS	PART NUMBER	QUANTITY
Hydraulic Rivet Nut Tool	00002–95161	1

Warranty Information

OP CODE	DESCRIPTION	TIME	OPN	T1	T2
BD1022	R & R Back Door ECU	0.5	85930–35060	82	71
BD1023	R & R Back Door ECU <u>and</u> Program Wireless Transmitter	0.8		82	71

> **Applicable Warranty*:**
>
> **This repair is covered under the Toyota Comprehensive Warranty. This warranty is in effect for 36 months or 36,000 miles, whichever occurs first, from the vehicle's in-service date.**

* Warranty application is limited to correction of a problem based upon a customer's specific complaint.

Toyota Supports ASE Certification

Parts Information

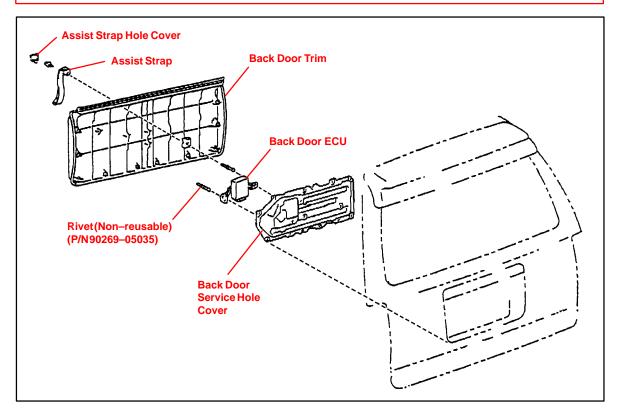| PREVIOUS PART NUMBER	CURRENT PART NUMBER	PART NAME	QTY	REPAIR PROCEDURE
85930–35060	85930–35061	Relay Assembly, Power Window, No. 1 (Back Door ECU)	1	1
90269–05035	Same	Waterproof Rivets	2	
89742–35020	89742–35021	Wireless Transmitter, Door Control	2	2

Repair Procedure #1

Replace the Relay Assembly, Power Window, No. 1 (Back Door ECU).

    A. Remove the Back Door Trim Panel.

        a. Remove the assist strap hole cover and unbolt the assist strap.

        b. Using a trim tool, remove the back door trim panel (see illustration below).

> **NOTE:**
> - **If dedicated trim removal tools are not available, wrap a flat screwdriver with masking tape to protect the rear door paint from damage.**
> - **The back door trim clips have sealing gaskets. Make sure not to lose them when removing the trim panel.**

    B. Remove the Back Door ECU.

        a. Disconnect the ECU to harness connector.

        b. Remove the Back Door Service Hole Cover. Take care not to damage the 3 white plastic retention clips.

        c. Place the panel (ECU side up) over a slightly open vice (open 1/2" at maximum), so that the outer portion of the rivet hole area is supported by the vice.

        d. Using a 3.5 mm drill bit, drill out the rivet heads.

**Repair
Procedure #1**
(Continued)

> **NOTE:**
>
> **Ensure that the drill bit is as close to perpendicular as possible to prevent damage to the edge of the rivet holes during the drilling process.**
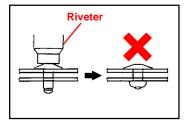
> **CAUTION:**
>
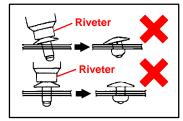> **Be sure to wear proper eye and hand protection during this process.**

    C. Remove the Back Door ECU.

    D. Install the new Back Door ECU.

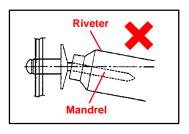   • Re–secure the new ECU with 2 new Rivets (P/N 90269–05035).

> **NOTE:**
>
> **To ensure proper water intrusion protection, make sure that the rivet is properly inserted into the securing hole before affixing it. Refer to the warning illustrations below.**

IMPROPERLY INSERTED RIVETS

    E. Reassemble in reverse order of disassembly.

    F. If Repair Procedure #2 is not required for this vehicle, reprogram the original remotes and verify proper operation.

**Repair
Procedure #2**

Replace the Wireless Transmitters.

    A. Verify that you have received updated Wireless Transmitters (P/N 89742–35021).

    B. Program the new transmitters according to the Repair Manual.

    C. Verify proper operation.